

## CLAIMS

1. An ultrapure water production plant producing ultrapure water by introducing primary pure water as liquid to be processed, comprising:
  - an ultraviolet oxidation equipment; and
  - a catalyst mixed tower located in the downstream of the ultraviolet oxidation equipment and having catalyst supports each of which has a catalyst carried on a support, and anion exchange resins.
2. The ultrapure water production plant according to Claim 1, wherein a membrane degasser and a demineralization equipment are located in the downstream of the catalyst mixed tower.
3. The ultrapure water production plant claimed in Claim 2, wherein the demineralization equipment is an ion exchange resin tower comprising a mixed bed in which the anion exchange resins and cation exchange resins are mixed.